

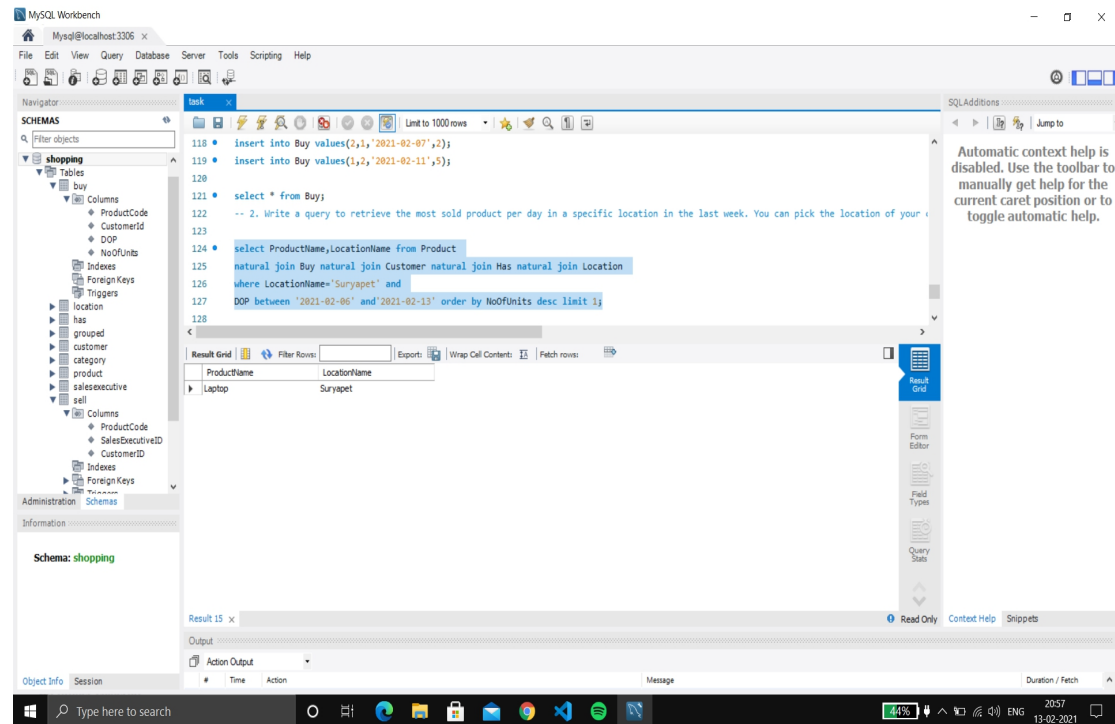
SQL Queries and Output

Q1. Write a query to retrieve the most sold product per day in a specific location in the last week. You can pick the location of your choice.

Query:

```
select ProductName,LocationName from Product
natural join Buy natural join Customer natural join Has natural join Location
where LocationName='Suryapet' and
DOP between '2021-02-06' and '2021-02-13' order by NoOfUnits desc limit 1;
```

Output:



Q2. Write a query to list all the salesperson's details along with the count of products sold by them (if any) till the current date.

Query:

```
select SalesExecutiveID,SalesName,DOB,Mobile,sum(NoOfUnits)
from SalesExecutive natural join Sell natural join Buy group by
SalesExecutiveID ;
```

Output:

The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' tree with the 'shopping' database selected. The main editor window contains a SQL query with line numbers 123 to 133. The query is as follows:

```
123
124 • select ProductName,LocationName from Product
125 natural join Buy natural join Customer natural join Has natural join Location
126 where LocationName='Suryapet' and
127 DOP between '2021-02-06' and '2021-02-13' order by NoOfUnits desc limit 1;
128
129 -- 3. Write a query to list all the salesperson's details along with the count of products sold by them (if any) till the current date.
130
131 • select SalesExecutiveID,SalesName,DOB,Mobile,sum(NoOfUnits)
132 from SalesExecutive natural join Sell natural join Buy group by SalesExecutiveID ;
133
```

Below the query editor, the 'Result Grid' is visible, showing the results of the last executed query. The grid has 5 columns: SalesExecutiveID, SalesName, DOB, Mobile, and sum(NoOfUnits). It contains 4 rows of data:

SalesExecutiveID	SalesName	DOB	Mobile	sum(NoOfUnits)
1	Yashwanth	1999-10-05	89786	2
2	Sai	1999-10-27	76750	3
3	Vamshi	2000-04-28	98482	5
4	Vishnu	1999-08-17	91823	4

On the right side of the interface, a help message states: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

The bottom status bar shows the system clock as 20:57 on 13-02-2021.